FC400RG
RESTRAINED FLANGE COUPLING 12" – 24"

SUBMITTAL INFORMATION

NSF61 Certified.

NOTE

Some initial axial movement may occur in lug style restraints as the lugs seat. Movement is directly related to the size of the piping system and the system pressure. In general terms movement of approximately 0.25 can be expected in restraints under 16". For larger sizes, movement of approximately 0.40 may be seen. If this is critical to your application please contact Romac Engineering for additional information.

MATERIALS

FLANGE
AWWA Class D Steel Ring Flange, compatible with ANSI Class 125 and 150 bolt circles.

BODY
Made from ASTM A 36 steel.

RESTRAINT GLAND
Ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12. Romac's RomaGrip is used in the FC400RG, see RomaGrip Submittal for technical information.

GASKETS
Gaskets are made from rubber compounded for water and sewer service in accordance with ASTM D 2000. Other compounds are available for chemical or high temperature service.

BOLTS AND NUTS
High strength low alloy steel all thread rod per ASTM A193 Grade B7, and nuts per ASTM A194 Grade 2H. Type 304 and 316 Stainless Steel bolt material optional.

COATINGS
Shop coat applied to parts for corrosion protection in transit. Fusion bonded epoxy, liquid epoxy and other coatings available on request.

PRESSURE

When properly installed on a pipe that is within the coupling manufacturer's tolerances, Romac style FC400 RG Flanged Coupling Adapters can work at pressures up to the maximum rating of the flange. AWWA Class D flanges are rated at 150 psi 12" and larger. Higher working pressures can be accommodated with AWWA Class E or F flanges. Consult your representative.

SIZES

For 12 inch through 24 inch ductile iron pipe.

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This information is based on the best data available at the date printed above. Please check with Romac for any updates or changes.

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